CAPTION: Docket No. 2008-0564-AIR-E. Consideration of an Agreed Order assessing administrative penalties against Equistar Chemicals, LP in Brazoria County; RN100210574; for air violations pursuant to Tex. Health & Safety Code ch. 382, Tex. Water Code ch. 7, and the rules of the Texas Commission on Environmental Quality, including specifically 30 Texas Administrative Code ch. 60. (Rebecca Johnson, Bryan Sinclair)

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EXECUTIVE SUMMARY - ENFORCEMENT MATTER

Page 1 of 2

DOCKET NO.: 2008-0564-AIR-E **TCEQ ID:** RN100210574 **CASE NO.:** 35674

RESPONDENT NAME: Equistar Chemicals, LP

ORDER TYPE:				
X 1660 AGREED ORDER	FINDINGS AGREED ORDER	FINDINGS ORDER FOLLOWING SOAH HEARING		
FINDINGS DEFAULT ORDER	_SHUTDOWN ORDER	IMMINENT AND SUBSTANTIAL ENDANGERMENT ORDER		
AMENDED ORDER	EMERGENCY ORDER			
CASE TYPE:				
XAIR	MULTI-MEDIA (check all that apply)	INDUSTRIAL AND HAZARDOUS WASTE		
PUBLIC WATER SUPPLY	PETROLEUM STORAGE TANKS	OCCUPATIONAL CERTIFICATION		
WATER QUALITY	SEWAGE SLUDGE	UNDERGROUND INJECTION CONTROL		
MUNICIPAL SOLID WASTE	RADIOACTIVE WASTE	DRY CLEANER REGISTRATION		
SITE WHERE VIOLATION(S) OCCURRED: Equistar Chemicals Chocolate Bayou Complex, On Farm-to-Market Road 2917, 12 miles South of Alvin, Brazoria County TYPE OF OPERATION: Chemical manufacturing plant SMALL BUSINESS: Yes X No OTHER SIGNIFICANT MATTERS: There are no complaints. There are two additional pending enforcement actions regarding this facility location, Docket Nos. 2008-0080-AIR-E and 2007-1315-AIR-E. INTERESTED PARTIES: No one other than the ED and the Respondent has expressed an interest in this matter. COMMENTS RECEIVED: The Texas Register comment period expired on September 1, 2008. No comments were received. CONTACTS AND MAILING LIST: TCEQ Attorney/SEP Coordinator: None TCEQ Enforcement Coordinator: Ms. Rebecca Johnson, Enforcement Division, Enforcement Team 5, R-12, (713) 422-8931; Mr. Bryan Sinclair, Enforcement Division, MC 219, (512) 239-2171 Respondent: Mr. Douglas R. Mathera, Plant Manager, Equistar Chemicals, LP, Post Office Box 2917, Alvin, Texas 77512 Respondent's Attorney: Not represented by counsel on this enforcement matter				

DOCKET NO.: 2008-0564-AIR-E

VIOLATION SUMMARY CHART: VIOLATION INFORMATION PENALTY CONSIDERATIONS CORRECTIVE ACTIONS TAKEN/REQUIRED Type of Investigation: Total Assessed: \$7,375 Corrective Actions Taken: ___ Complaint The Executive Director recognizes that on Routine Total Deferred: \$1,475 Enforcement Follow-up February 8, 2008, the Respondent labeled X Expedited Settlement X Records Review the manual block valve connecting the tower overhead ethylene with the bottom ethane __Financial Inability to Pay Date(s) of Complaints Relating to this stream with a "Do Not Open" tag and Case: None SEP Conditional Offset: \$0 notified appropriate Plant personnel of the correct valve position. Date of Investigation Relating to this Total Paid to General Revenue: \$5,900 Case: February 21, 2008 Site Compliance History Classification Date of NOV/NOE Relating to this Case: ___ High X Average ___ Poor March 27, 2008 (NOE) **Person Compliance History Classification** Background Facts: This was a records ___ High X Average ___ Poor review investigation. Major Source: X Yes ___ No ATR Applicable Penalty Policy: September 2002 Failure to prevent unauthorized emissions. Specifically, during an emissions event on February 4, 2008 (Incident No. 103330), the following unauthorized emissions were released from the Olefins Main Flare over a period of four hours and 14 minutes: 911.90 pounds ("lbs") of carbon monoxide, 846.29 lbs of volatile organic compounds, and 120.17 lbs of nitrogen oxides. Since the emissions event was avoidable, the demonstrations in 30 Tex. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met [Air Permit No. 4634B, Special Condition No. 1, Standard Permit Registration No. 81006, 30 Tex. ADMIN. CODE § 116.115(c), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

Additional ID No(s).: AIR BL0113I

Palling Paylising 2 (San		alty (Calculation	n Works	sheet (P	•	sion February 29, 2008
Policy Revision 2 (Sept	erriber 2002)					1 OW NEW	sion rebruiry 25, 2000
DATES Assigned PCW		Screenin	g 4-Apr-2008	EPA Due	22-Dec-2008		
RESPONDENT/FACILITY							
Respondent	Equistar Chemica	ls, LP					
Reg. Ent. Ref. No. Facility/Site Region				Major/	Minor Source	Major	
CASE INFORMATION							
Enf./Case ID No.	35674			No	. of Violations	1	
	2008-0564-AIR-E				Order Type	1660 Rebecca Johnson	
Media Program(s) Multi-Media	All			En En		Enforcement Tear	
Admin. Penalty \$ l	imit Minimum	\$0	Maximum	\$10,000]		
P. 194		Pena	alty Calcul	ation Sec	rtion		
TOTAL BASE PENAL	TV (Sum of vi			no distribution of the Arthretis resident above	, t. O . 1	Subtotal 1	\$2,500
			Duoo Poman				
ADJUSTMENTS (+/-) Subtotals 2-7 are obtain			Penalty (Subtotal 1) t	ov the indicated pe	rcentage.		
Compliance Histo	ANNOUNCED TO THE SECOND PROPERTY OF THE PROPER		autoria de la comita de la comit	6 Enhancement		otals 2, 3, & 7	\$5,500
	Penalty enhan		due to 15 NOVs				
Notes	with a denial of li	ability, an	d 4 agreed orde	ers without a de	enial of liability.		
	Penalty reduc		o nine Notices o		dits and one		
		DISCIOSI	ure of Violations	submitted.			
Culpability	No		0%	6 Enhancement		Subtotal 4	\$0
Notes	The Res	pondent	does not meet tl	he culpability c	riteria.		
						<u></u>	
Good Faith Effor	The State State of the Control of the second	IOV to EDE	25% RP/Settlement Offe			Subtotal 5	\$625
Extraordinary		VOV TO EDF		1			
Ordinary	X	a certe suith as					
N/A	The Responde	nark with x)	eted preventativ	e measures or	February 8.]	
Notes			2008,				
			09	∕₀ Enhancement*		Subtotal 6	\$0
Approx	Total EB Amounts Cost of Compliance	\$0 \$250	*Capp	ed at the Total EB	\$ Amount	27707	
			_				
SUM OF SUBTOTAL	S 1-7					Final Subtotal	\$7,375
OTHER FACTORS A	S JUSTICE MA	Y REQ	UIRE	0%		Adjustment	\$0
Reduces or enhances the Final S							
Notes							
					Final Pe	nalty Amount	\$7,375
STATUTORY LIMIT	DJUSTMENT				Final Ass	essed Penalty	\$7,375
		gityoji taikon		000	7-1223		\$4 A7F
DEFERRAL Reduces the Final Assessed Per	nalty by the indicted per	centage. (Enter number only; e	20 % e.g. 20 for 20% red		Adjustment	-\$1,475
Notes	n	eferral of	fered for expedi	ted settlement		1	
IAOfeo			- an it office]	
			Services and the services of t				

Screening Date 4-Apr-2008

Docket No. 2008-0564-AIR-E

PCW

Respondent Equistar Chemicals, LP

Case ID No. 35674

Reg. Ent. Reference No. RN100210574

Media [Statute] Air

Enf. Coordinator Rebecca Johnson

Policy Revision 2 (September 2002) PCW Revision February 29, 2008

Compliance History Worksheet

Component	Number of	Enter Number Here	Adjust
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	15	75%
	Other written NOVs	8	16%
	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	2	40%
Orders	Any adjudicated final enforcement orders, agreed final enforcement orders without a denia of liability, or default orders of this state or the federal government, or any final prohibitor emergency orders issued by the commission		100%
Judgments	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	900001000000000000000000000000000000000	0%
and Consent Decrees	Any adjudicated final court judgments and default judgments, or non-adjudicated final cour judgments or consent decrees without a denial of liability, of this state or the federa government	30000009900900900970003100	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)		-9%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	9 1	-2%
	Ple	ase Enter Yes or No	
	Environmental management systems in place for one year or more	No	0%
OH	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	a No	0%

	Environmental management systems in place for one year or more	No	0%
The state of the second of	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
The Property of the Constitution of the	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 220%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3)

>> Compliance History Person Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7)

>> Compliance History Summary

Compliance History Notes

Penalty enhancement due to 15 NOVs issued for same or similar violations, eight NOVs issued for unrelated violations, 2 agreed orders with a denial of liability, and 4 agreed orders without a denial of liability. Penalty reduction due to nine Notices of Intended Audits and one Disclosure of Violations submitted.

Total Adjustment Percentage (Subtotals 2, 3, & 7)

Screen	ng Date 4-Apr-2008	Docket No. 2008-0564-AIR-E	PCW		
	pondent Equistar Chem	cals, LP	Policy Revision 2 (September 2002)		
	e ID No. 35674		PCW Revision February 29, 2008		
	nce No. RN100210574				
	Statute] Air				
	rdinator Rebecca Johns n Number 1	on			
	Air Permit N	o. 4634B, Special Condition No. 1, Standard Permit Registra	tion No.		
Rı		Tex. Admin. Code § 116.115(c), and Tex. Health & Safety C 382.085(b)			
Violation D	February 4, 2 released fro escription 911.90 pound and 120.17	Failed to prevent unauthorized emissions. Specifically, during an emissions event on February 4, 2008 (Incident No. 103330), the following unauthorized emissions were released from the Olefins Main Flare over a period of four hours and 14 minutes:			
		Ва	se Penalty \$10,000		
>> Environmental, P	ronerty and Human F	ealth Matrix			
. · Liiii oiiiiioiiezi, ·		Harm			
0.0	Release Major	Moderate Minor			
OR	Actual	X Percent 25%			
	Potential	Percent 25%	I		
>>Programmatic Ma	trix				
	alsification Major	Moderate Minor			
		Percent 0%			
Matrix H		onment have been exposed to an insignificant amount of pollo are protective of human health and the environment as a resi			
Notes	did flot exceed levels triat	violation.			
<u> </u>					
		Adjustment	\$7,500		
			\$2,500		
			<u> </u>		
Violation Events					
Nu	mber of Violation Events	1 Number of violation da	ays		
	daily		***************************************		
	monthly				
m	ark only one quarterly	x Violation Ba	se Penalty \$2,500		
	with an x semiannual		-		
•	annual				
	single event				
		One quarterly event is recommended.			
- 100 miles					
Economic Benefit (E	B) for this violation	Statutory Limit To	est. Taka and Madale and Madale a		
	Estimated EB Amount	\$0 Violation Final Pe	nalty Total \$7,375		
		This violation Final Assessed Penalty (adjusted	for limits) \$7,375		
		(aujusto	77,010		

	Ε	conomic E	Benefit W	orks	heet	1111	
Respondent Case ID No. Reg. Ent. Reference No.	Equistar Chemi 35674	care in the production of the contract of the	1964 - Arthur Sangaren (1966) (1964) - Arthur (1964) (1966) (1966)				
Media Violation No.						Percent Interest	Years of Depreciation
						5,0	15
	. Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Item Description	No commas or \$					11	
Delayed Costs				_			
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land Record Keeping System			1.5	0.0	\$0 \$0	n/a n/a	\$0 \$0
Training/Sampling			<u> </u>	0.0	\$0	n/a	\$0
Remediation/Disposal			ar	0.0	φυ \$0	n/a	\$0 \$0
Permit Costs				0.0	\$0 \$0	n/a	\$0
Other (às needed)	\$250	4-Feb-2008	8-Feb-2008	0.0	\$0	n/a	\$0
Notes for DELAYED costs	Estimated cost to label the manual block valve connecting the tower overhead ethylene with the bottom ethane stream with a "Do Not Open" tag to prevent the recurrence of emissions events caused by the manual block valve being opened. Date required based on the date of the emissions event. Final date based on the date the preventative measures were completed.						
Avoided Costs	ANN	IUALIZE [1] avoide	d costs before e	ntering	item (except for d	one-time avoided c	osts)
Disposal	XXXX 3XX 940 XX			0,0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equipment				0.0	\$0	\$0	\$0
Financial Assurance [2]	dia Carata Salata Salata			0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]			100000000000000000000000000000000000000	0.0	\$0	\$0	\$0
Other (as needed) Notes for AVOIDED costs				0.0			\$0
Approx. Cost of Compliance		\$250			TOTAL	*	\$0

Compliance History

Customer/Respondent/Owner-Operator: CN600124705 Equistar Chemicals, LP Classification: AVERAGE Rating: 2.88 **EQUISTAR CHEMICALS CHOCOLATE** Classification: AVERAGE Site Rating: 4.80 RN100210574 Regulated Entity: BAYOU COMPLEX ID Number(s): ACCOUNT NUMBER BL01131 AIR OPERATING PERMITS PERMIT 1287 AIR OPERATING PERMITS PERMIT 2259 AIR OPERATING PERMITS PERMIT 2260 AIR OPERATING PERMITS AIR OPERATING PERMITS PERMIT 2261 PERMIT 2643 AIR OPERATING PERMITS PETROLEUM STORAGE TANK REGISTRATION 5060 REGISTRATION 12467A AIR NEW SOURCE PERMITS PERMIT AIR NEW SOURCE PERMITS PERMIT 4634B 18423 AIR NEW SOURCE PERMITS PERMIT PERMIT 18708 AIR NEW SOURCE PERMITS **PERMIT** 19480 AIR NEW SOURCE PERMITS AIR NEW SOURCE PERMITS **PERMIT** 19558 AIR NEW SOURCE PERMITS **PERMIT** 20993 AIR NEW SOURCE PERMITS PERMIT 31081 AIR NEW SOURCE PERMITS PERMIT 35470 46084 AIR NEW SOURCE PERMITS PERMIT AIR NEW SOURCE PERMITS PERMIT 46418 48203 AIR NEW SOURCE PERMITS PERMIT ACCOUNT NUMBER BI 0113I AIR NEW SOURCE PERMITS 71973 AIR NEW SOURCE PERMITS REGISTRATION 52383 AIR NEW SOURCE PERMITS PERMIT 52393 AIR NEW SOURCE PERMITS PERMIT 52392 AIR NEW SOURCE PERMITS PERMIT REGISTRATION 75622 AIR NEW SOURCE PERMITS REGISTRATION 75407 AIR NEW SOURCE PERMITS AIR NEW SOURCE PERMITS REGISTRATION 75391 4803900048 AIR NEW SOURCE PERMITS AFS NUM PSDTX988 AIR NEW SOURCE PERMITS **EPA ID** 71671 AIR NEW SOURCE PERMITS REGISTRATION AIR NEW SOURCE PERMITS PERMIT 53893 53896 AIR NEW SOURCE PERMITS PERMIT REGISTRATION 72531 AIR NEW SOURCE PERMITS AIR NEW SOURCE PERMITS REGISTRATION 73049 AIR NEW SOURCE PERMITS REGISTRATION 74126 AIR NEW SOURCE PERMITS REGISTRATION 73612 74624 AIR NEW SOURCE PERMITS REGISTRATION 74627 AIR NEW SOURCE PERMITS REGISTRATION 74623 AIR NEW SOURCE PERMITS REGISTRATION 76666 AIR NEW SOURCE PERMITS REGISTRATION 77176 AIR NEW SOURCE PERMITS REGISTRATION 77842 REGISTRATION AIR NEW SOURCE PERMITS 78280 AIR NEW SOURCE PERMITS REGISTRATION AIR NEW SOURCE PERMITS REGISTRATION 78395 AIR NEW SOURCE PERMITS REGISTRATION 78399 AIR NEW SOURCE PERMITS REGISTRATION 78613 AIR NEW SOURCE PERMITS REGISTRATION 78775 AIR NEW SOURCE PERMITS REGISTRATION 78332 AIR NEW SOURCE PERMITS REGISTRATION 79182 80551 AIR NEW SOURCE PERMITS REGISTRATION 81006 AIR NEW SOURCE PERMITS REGISTRATION 81168 AIR NEW SOURCE PERMITS REGISTRATION 81170 AIR NEW SOURCE PERMITS REGISTRATION AIR NEW SOURCE PERMITS REGISTRATION 81379 REGISTRATION 82187 AIR NEW SOURCE PERMITS AIR NEW SOURCE PERMITS REGISTRATION 83415 AIR NEW SOURCE PERMITS REGISTRATION 82976 AIR NEW SOURCE PERMITS **PERMIT** 83777 82916 AIR NEW SOURCE PERMITS REGISTRATION AIR NEW SOURCE PERMITS REGISTRATION 84428 REGISTRATION 0200493 PUBLIC WATER SYSTEM/SUPPLY

INDUSTRIAL AND HAZARDOUS WASTE

GENERATION

EPA ID

TXD980627137

INDUSTRIAL AND HAZARDOUS WASTE

GENERATION

SOLID WASTE REGISTRATION # (SWR)

HOU00063

USED OIL

WATER LICENSING

ID NUMBER LICENSE

32212

INDUSTRIAL AND HAZARDOUS WASTE

PERMIT

0200493 50057

STORAGE

IHW CORRECTIVE ACTION

SOLID WASTE REGISTRATION # (SWR)

32212

Location:

ON FM 2917, 12 MILES SOUTH OF ALVIN, TEXAS

Rating Date: 9/1/2007 Repeat Violator: NO

TCEQ Region:

REGION 12 - HOUSTON

Date Compliance History Prepared:

March 31, 2008

Agency Decision Requiring Compliance History:

Enforcement

Compliance Period:

March 31, 2003 to March 31, 2008

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name:

Rebecca Johnson

Phone:

(713) 422-8931

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period?

No

2. Has there been a (known) change in ownership of the site during the compliance period?

N/A

3. If Yes, who is the current owner? 4. if Yes, who was/were the prior owner(s)?

N/A

5. When did the change(s) in ownership occur?

N/A

Components (Multimedia) for the Site:

Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 11/11/2004

ADMINORDER 2002-0886-AIR-E

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC13 PERMIT

Description: Failed to operate below the maximum liquid flow rate of 12 gallons per minute to the Wet Air Oxidizer (83

exceedances noted between January 2001 and April 9, 2002) and below the maximum benzene by weight

concentration of 100 parts per million (6 exceedances noted between March and April 2002).

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G) Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC1 PERMIT

Description: Failed to meet VOCs emission limitations of 7.76 tpy as specified in the permit's Maximum Allowable Emission Rate Table ("MAERT"). Emissions from EPN 318Z3 in the Methyl Tertiary Butyl Ether ("MTBE")/Butadiene

Unit were 8.75 tpy in 1999 and 8.13 tpy in 2000.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116,115(b)(2)(G)

> 30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: SC1 PERMIT

Description: Failed to meet particulate matter emission limitations of .09 tpy as specified in the permit's MAERT.

Emissions from EPN 81H2 MTBE/Butadiene Unit were. 0.1 tpy in 1999.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(b)(1) Citation:

5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov: GC8A PERMIT

Description: Failed to route the waste gas streams from the pressure relief valve located on the Butadiene column to

the flare.

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: SC 3 PERMIT

Description: Failed to monitor the VOCs associated with the outlet cooling tower water samples.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

5C THC Chapter 382, SubChapter A 382.085(b)

SC3 PERMIT

Description: Failure to monitor and record speciated VOCs associated with the cooling tower water samples in

January and April 2000.

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.130

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(b)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to conduct quarterly fugitive monitoring of valves 677, 678, 679, 680, and ISA 230 which are

subject to HON.

Effective Date: 11/18/2006

ADMINORDER 2006-0495-AIR-E

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) TCEQ Air Permit #4634B, SC1 PERMIT Ramt Prov:

Description: Exceeded permit limits during an avoidable emissions event.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c)

TCEQ Permit No. 4634B PERMIT Ramt Prov:

Description: Failure to prevent an avoidable emission event.

Effective Date: 03/19/2007

ADMINORDER 2006-1066-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Special Condtions No. 1 PERMIT Ramt Prov:

Description: Failure to comply with permitted emission limits at the F Street Separator (EPN 316S2) and allowing unathorized emissions at the F Street oily water sewer area. The emission event resulted from the backflow of VOC-

laden wastewater from the F Street Separator sump into system piping

Effective Date: 06/29/2007

ADMINORDER 2006-1713-AIR-F

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: Special Condition 1 PERMIT Description: Equistar failed to maintain an emission rate below the allowable emisison limits.

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: Special Condition 1 PERMIT

Description: Equistar failed to maintain an emission rate below the allowable emission limits.

Effective Date: 08/31/2007

ADMINORDER 2007-0039-AIR-E

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Ramt Prov: TCEQ Air Permit No.19558, SC1 PERMIT

Description: Failure to prevent unauthorized emissions during an emissions event that started on April 20, 2004. Since the emissions event was avoidable, not properly reported, and determined to be excessive, Equistar was unable

to meet the demonstration criteria for an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.

Classification: Minor

Citation:

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failed to report the April 20, 2004 emissions event within twenty-four hours after discovery.

Effective Date: 09/21/2007

ADMINORDER 2007-0132-AIR-E

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

Ramt Prov: Special Condition No. 1 PERMIT

Description: As evidenced by Findings of Fact No. 3, Equistar failed to prevent unauthorized emissions during an emissions event that started on October 31, 2005, in violation of Air Permit No. 4634B, Special Condition No. 1, 30

TEX. ADMIN. CODE § 116.115(c), and TEX. HEALTH & SAFETY CODE § 382.085(b).

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

rova	ai dates of inv	estigations. (CCEL
1	05/08/2003	(24581)
2	05/09/2003	(28798)
3	06/09/2003	(9797)
4	06/27/2003	(113049)
5	07/10/2003	(112566)
6	07/10/2003	(113014)
7	07/10/2003	(113045)
8	08/26/2003	(150306)
9	08/29/2003	(27215)
10	08/30/2003	(140878)
11	10/17/2003	(249037)
12	10/17/2003	(249046)
13	05/12/2004	(269260)
14	07/19/2004	(278402)
15	07/23/2004	(250413)
16	10/12/2004	(293360)
17	10/26/2004	(338100)
18	11/04/2004	(339181)
19	11/22/2004	(341169)
20	11/22/2004	(341024)
21	11/22/2004	(341355)
22	11/22/2004	(341236)
23	11/22/2004	(341016)
24	11/22/2004	(341455)
25	11/29/2004	(289697)
26	11/30/2004	(259259)
27	12/28/2004	(344869)
28	12/30/2004	(344993)
29	12/31/2004	(345634)
30	01/07/2005	(344601)
31	01/19/2005	(345344)
32	01/31/2005	(347433)
33	03/15/2005	(371378)
34	03/16/2005	(373784)
35	03/18/2005	(373943)
36	04/14/2005	(377117)
37	05/02/2005	(379552)
38	05/09/2005	(293362)
39	05/19/2005	(371475)
40	06/21/2005	(375806)
41	06/22/2005	(375761)
42	06/22/2005	(375724)
43	07/08/2005	(397149)
44	07/14/2005	(376596)
45	07/25/2005	(400224)
46	08/09/2005	(376612)
47	08/25/2005	(399824)
48	08/31/2005	(418596)
49	08/31/2005	(418729)
50	09/29/2005	(375003)
51	12/01/2005	(437309)
52	12/11/2005	(435274)
53	12/12/2005	(435301)
54	02/16/2006	(454291)
55	02/28/2006	(452437)
56	03/17/2006	(457658)
20	03/17/2000	(1 01000)

57 04/26/2006

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127 03/27/2008 (638802)	126		(613495)
	127	03/27/2008	(638802)

E.

05/08/2003 Date: (24581)

Self Report?

NO

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

Description:

Equistar failed to control propylene emissions during process operations in the Olefins Unit.

Date: 08/29/2003 (27215)

Self Report? Citation:

NO

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

Description:

Equistar failed to notify the commission after discovery of an emissions event.

Date: 08/30/2003 (140878)

Self Report?

Classification:

Classification:

Classification:

Classification:

Classification:

Classification:

Classification:

Classification:

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Citation:

Citation:

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

30 TAC Chapter 116, SubChapter B 116.115(c)

Description:

Failure to submit an initial notification after the discovery of an reportable emissions event.

Date: 11/22/2004

Self Report? NΩ (341024)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:

PERMIT 4634B, S.C. No.1

Description: Failure to minimize the emissions with in MAERT.

11/22/2004 (341355)Date:

Self Report? NO

Citation:

30 TAC Chapter 101, SubChapter F 101.201(a)(1)

Description:

Failure to submit the initial notification of the emissions event (Incident #44588) within 24

hours after the start of incident.

Self Report? NO

30 TAC Chapter 115, SubChapter B 115.112(a)(1)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov:

Citation:

PERMIT 19480, S.C.No.1

Description:

Failure to prevent the PSV from lifting and causing the release of air pollutants to the

atmosphere

Date: 11/22/2004

NO

(341455)

Self Report?

Citation:

30 TAC Chapter 101, SubChapter F 101.201(a)(1)

Description:

Failure to submit the initial notification of the emissions event (Incident #45190) within 24

hours after the start of incident.

Date:

Citation:

12/30/2004

(344993)

Self Report?

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:

PERMIT TCEQ Permit #4634B, Special Condition #1

Description:

Failure to control unauthorized emissions.

Date:

12/30/2004 (345344)

NO Self Report?

Classification:

Moderate

Citation:

30 TAC Chapter 111, SubChapter A 111.111(a)(8)(A)

5C THC Chapter 382, SubChapter A 382.085(b)

Description:

Failure to control excess opacity.

Date: Self Report? (345634)

Classification:

Moderate

Citation:

30 TAC Chapter 111, SubChapter A 111.111(a)(1)(A)

5C THC Chapter 382, SubChapter A 382.085(b)

Description:

Failed to control excess opacity.

Date:

12/12/2005

12/31/2004

(435274)

Self Report? NO

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4) Classification:

Moderate

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)

Rgmt Prov:

OP O-02259, SC 1A

Description:

Failure to equip open-ended lines in HAP service with plugs or caps. The percentage of the

open-ended lines in HAP was 3%

Failure to equip open-ended lines in HAP service with plugs or caps. Failure to equip open-ended lines in HAP service with plugs or caps.

Self Report?

NO

Classification:

Moderate

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.349(a)(2)(iii)

OP O-02259, SC 1A

Rgmt Prov: Description:

Failure to maintain the flare minimum heating value of 300 Btu/scf during reactor

regeneration processes on October 9 and 10, 2004, and on December 9 through 11, 2004. The flare (319Z4) is used to control emissions from the benzene wastewater separator

(90S4) under NESHAP Subpart FF.

Self Report?

NO

Classification:

Moderate

Citation:

30 TAC Chapter 115, SubChapter E 115.421(a)(9)(A)(iii)

30 TAC Chapter 122, SubChapter B 122.143(4)

Ramt Prov:

OP O-02259, SC 1A

Description:

Failure to maintain the daily weighted average VOC emission limit of 3.5 lbs VOC/gallon for the coating of miscellaneous metal parts and products in the paint yard on three occasions

during the certification period.

Self Report?

NO

Classification:

Moderate

Moderate

Citation:

30 TAC Chapter 117, SubChapter E 117.520(c)(2)(A)(ii)(II)

30 TAC Chapter 122, SubChapter B 122.143(4)

Ramt Prov:

OP O-02259, SC 1A

Description:

Failure to conduct the required performance test under 30 TAC 117 within 60 days of the

modification to Boiler (391H1).

Self Report? Citation:

30 TAC Chapter 117, SubChapter B 117.219(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

Ramt Prov:

OP O-02259, SC 1A

Description:

Failure to submit a copy of the RATA test reports for boilers (391H1 & 391H2) to the Office of Compliance and Enforcement for testing that was conducted on April 27 & 29, 2004.

Self Report?

NO

Classification:

Classification:

Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

Rqmt Prov:

PERMIT NSR 18708, SC 1

OP O-02259, SC 15

Description:

Failure to maintain the maximum firing rate of 600 MM Btu/hr on the boiler (391H1) during

the RATA test conducted on May 5, 2005.

Self Report?

NO

Classification:

Moderate

Citation:

30 TAC Chapter 115, SubChapter D 115.352(2)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-2(c)(2)

Rgmt Prov:

OP O-02259, SC 1A

Description:

Failure to perform a five-day first repair attempt on Pump 316P28 in the Utilities Unit.

Date:

12/12/2005 (435301)

NO

Self Report?

Classification:

Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.116(a)(1)

Description:

Failure to monitor 2265 connectors during 1Q of 2004 and 2716 connectors during 3Q of 2004 in the fugitive area of FDISTARO. Failure to monitor 118 connectors during 1Q of 2004, and 915 connectors during 2Q and 3Q of 2004 in the fugitive area of FDISTISO.

Failure to monitor six connectors during 2Q of 2004 in the fugi

Self Report?

NO

Classification:

Moderate

Citation:

Rqmt Prov:

30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1) PERMIT NSR 19480, SC 4E

OP O-02260, SC 1A

OP O-02260, SC 20

Description:

Failure to equip five open-ended lines in HAP (hazardous air pollutant) service with plugs or caps in the fugitive area of FDISTISO. The percentage of open-ended line in HAP was

0.2%.

Self Report?

NO

Classification:

Moderate

Citation: 30 TAC Chapter 1

30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)

Rgmt Prov:

PERMIT NSR 19480, SC 4E

OP O-02260, SC 1A OP O-02260, SC 20

Description:

Failure to equip four open-ended lines in VOC service with plugs or caps in the fugitive area

of FISOPREN.

Self Report?

NO

30 TAC Chapter 115, SubChapter D 115.354(2)(C)

Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(2)

Rgmt Prov:

PERMIT NSR 19480, SC 4F

OP O-02260, SC 1A OP O-2260, SC 20

Description:

Failure to conduct quarterly monitoring on a valve during 1st quarter and 2nd quarter of

2004.

Self Report?

NO

Classification:

Classification:

Moderate

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63,113(a)(1)(i)

OP O-02260, SC 1A

Rqmt Prov: Description:

Failure to maintain the flare minimum heating value of 300 Btu/scf during reactor

regeneration processes on October 9 and 10, 2004, and on December 9 through 11, 2004. The flare (319Z4) is used to control emissions from overhead accumulators (86T1VENT and

86T8VENT) off columns in the Aromatics Unit under HON.

Self Report?

NO

NO

Classification:

Moderate

Moderate

Citation:

30 TAC Chapter 115, SubChapter D 115.354(2)(B)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.163(b)(1)

Rqmt Prov:

OP O-02260, SC 1A

Description: Failure to monitor two pumps during April, May, and June of 2004.

Self Report? Citation:

30 TAC Chapter 115, SubChapter D 115.354(2)(A)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.164

Rgmt Prov:

OP O-02260, SC 1A

Description: Fai

Failure to meet fugitive emissions standards for Compressors 22C1 and 86C1.

Self Report?

eport? NO

Classification:

Classification:

Moderate

Citation:

30 TAC Chapter 115, SubChapter D 115.354(2)(C) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(b) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.174(b)

Rqmt Prov:

PERMIT NSR 19480, SC 4F

OP O-02260, SC 1A OP O-02260, SC 20

Description:

Failure to tag and monitor valves and connectors associated with Compressor 22C1.

Self Report?

NO

Classification:

Moderate

Citation:

30 TAC Chapter 115, SubChapter D 115.352(2)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(f)(2)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)

Rqmt Prov:

OP O-02260, SC 1A

Description:

Failure to perform a five-day first repair attempt on a valve in the Aromatics/Isoprene Unit.

Date:

02/28/2006

(452437)

Self Report?

NO

Classification:

Minor

Citation:

30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

Ramt Prov:

PERMIT NSR 19558, SC 2E PERMIT NSR 20993, SC 9E OP O-02261, SC 1A & 13

Description:

Complex failed to equip eight open-ended lines in hazardous air pollutant (HAP) with a plug

or cap in the fugitive area BDFUG, and also failed to equip two open-ended lines in HAP with a plug or cap in the fugitive area MTBEFUG.

Self Report?

NO

Classification: Minor

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.182(d)(1)

Rqmt Prov:

OP O-02261, SC 1A

Description:

Bayou Complex failed to submit a required semiannual report by July 23, 2005.

Self Report?

NO

Classification:

Classification:

Classification:

Classification:

Moderate

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.163(b)(1)

Ramt Prov:

OP O-02261, SC 1A

Description:

Bayou Complex failed to monitor four pumps during July of 2005.

NO Self Report?

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.171(c)(1)

Moderate

Minor

Citation:

Rqmt Prov: Description: OP O-02261, SC 1A Complex failed to de-inventory the associated tank 320T802 by August 30, 2005 to repair

the leaking flange on the associated pump 320P802.

Date:

Citation:

06/23/2006

(457277)

Self Report?

NO

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)

5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov:

OP Title V O-01287, SC 1A

Description:

Equistar failed to meet the minimum Btu requirement of 300 Btu/scf on two occasions for the

main flare (319Z4).

Self Report? Citation:

NO

30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:

PERMIT NSR 4634B, SC 19E

OP Title V O-01287, SC 1A and 14

Description:

Equistar failed to equip three open-ended lines with caps or plugs.

Self Report?

NO

Classification:

Minor

Minor

Minor

Minor

Citation:

30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 115, SubChapter H 115.783(5) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov:

PERMIT NSR 4634B, SC 19E OP Title V O-01287, SC 1A and 14

Description:

Equistar failed to equip one open-ended line with a cap or plug.

Self Report?

Citation:

NO

NO

Classification:

30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:

PERMIT NSR 4634B, SC 19E

OP Title V O-01287, SC 1A and 14

Description:

Equistar failed to equip two open-ended lines with caps or plugs.

Self Report? Citation:

30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov:

PERMIT NSR 4634B, SC 19E

OP Title V O-01287, SC 1A and 14

Description:

Equistar failed to equip two open-ended lines with caps or plugs.

Self Report? NO Classification:

Classification:

Minor

Citation:

30 TAC Chapter 115, SubChapter D 115.354(2)(B) 30 TAC Chapter 115, SubChapter D 115.354(2)(C) 30 TAC Chapter 115, SubChapter D 115.354(3) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63,163(b)(3) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.174(b)(3)

5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov:

OP Title V O-01287, SC 1A

Description:

Equistar failed to identify and monitor 31 valves, 54 connectors, and one pump for fugitive emissions between March 25, 2005 and April 28, 2005 in the fugitive area FOLEFINS.

Self Report?

NO

Classification:

Minor

Citation:

30 TAC Chapter 117, SubChapter B 117.219(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov:

OP Title V O-01287, SC 1A

Description:

Equistar failed to submit a copy of the relative accuracy test audit (RATA) test reports for

Furnaces 91H1-1, 91H1-3, 91H1-7, and 91H1-8 to the Office of Compliance and

Enforcement.

Self Report?

NO

Classification:

Minor

Citation:

30 TAC Chapter 117, SubChapter B 117.213(c)(1) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov:

OP Title V O-01287, SC 1A

Description:

Equistar failed to continuously operate predictive emissions monitoring system (PEMS) to

monitor NOx on five occasions.

Self Report?

NC

Classification:

Minor

Citation:

30 TAC Chapter 117, SubChapter B 117.213(f)(5)(C)(iii)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov:

OP Title V O-1287, SC 1A

Description:

Equistar failed to perform the required annual PEMS testing on Furnace 91H1-5 within the

annual time frame.

Self Report?

NO

Classification:

Minor

Citation:

30 TAC Chapter 117, SubChapter B 117.219(b)(2) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov:

OP Title V O-01287, SC 1A

Description:

Equistar failed to submit written notifications of RATA tests for Furnaces 91H1-2, 91H1-5,

and 91H1-6 within the required time frame.

Self Report?

Classification:

Moderate

Citation:

30 TAC Chapter 115, SubChapter H 115.782(b)(1) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov:

OP Title V O-01287, SC 1A

Description:

Equistar failed to make a first attempt to repair leaks no later than one business day and to repair the leaks no later than seven calendar days after the leaks were detected over 10,000

ppmv for fourteen leaking components.

Self Report?

NO

Classification:

Minor

Minor

Citation:

30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT YY 63.1103

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:

PERMIT NSR 4634B, SC 19E

Description:

OP Title V O-01287, SC 1A, 1D, and 14 Equistar failed to equip five open-ended lines with plugs/caps.

Self Report?

Citation:

NO

Classification:

30 TAC Chapter 115, SubChapter D 115.352(2) 30 TAC Chapter 115, SubChapter H 115.782(b)(2)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov:

PERMIT NSR 4634B, SC 19H OP Title V O-01287, SC 1A and 14

Description:

Equistar failed to repair the leak within the required time frame.

Self Report?

NO

Classification:

Minor

Citation:

30 TAC Chapter 106, SubChapter K 106.261(a)(7)(A)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov:

OP Title V O-01287, SC 14

Description: Equistar failed to submit a Permit by Rule (PBR) application within ten days of the Date:

09/11/2006

(490208)

Self Report?

Classification:

Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov:

PERMIT TCEQ Permit No. 4634B

Description:

Failure to close a bypass valve which allowed dimethyl sulfide to be routed to the flare.

Date:

10/31/2006

(516242)

NO

30 TAC Chapter 116, SubChapter B 116.115(c)

Moderate

Self Report? Citation:

5C THC Chapter 382, SubChapter D 382,085(b)

Ramt Prov:

PERMIT TCEQ Permit No. 19558, SC #1

Description:

Equistar failed to prevent a PSV from lifting during a process transfer.

Date:

11/16/2006

(517613)

Self Report?

NO

30 TAC Chapter 116, SubChapter B 116.115(c)

Classification:

Moderate

Citation:

5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: Description: PERMIT 19558, Special Condition No. 1 Failure to prevent a pinhole leak on piping.

Date:

03/06/2007

NO

Self Report?

(532588)

Classification:

Classification:

Minor

Citation:

30 TAC Chapter 117, SubChapter B 117.219(d)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov:

OP O-02259, SC 1A

Description:

Failure to submit a semiannual NOx Monitoring System Performance report by the 30th day

following the end of calendar semiannual period.

Date:

03/09/2007

03/09/2007

NO

(497404)

Classification:

Moderate

Self Report? Citation:

30 TAC Chapter 117, SubChapter E 117.520(c)(2)(A)(ii)(II)

Description:

RE failed to conduct a CEMS or PEMS performace evaluation 60 days after startup of a unit

following installation of emissions controls

Date:

Self Report?

(497419)

Classification:

Moderate

Citation:

30 TAC Chapter 117, SubChapter E 117.520(c)(2)(A)(ii)(II)

Description:

The Regulated Entity (RE) failed to conduct a CEMS or PEMS performance evaluation within

60 days after startup of a unit following installation of emissions controls.

Date:

04/06/2007 (532553)

Self Report?

NO

Classification:

Minor

Citation:

30 TAC Chapter 117, SubChapter B 117.206(i)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov:

OP O-01287, SC 1A

Description:

Failure to comply with the operational restrictions identified in 30 TAC 117.206 for diesel

engines.

Self Report?

NO

Classification:

Minor

Citation:

30 TAC Chapter 117, SubChapter B 117.219(d) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov:

OP O-01287, SC 1A

Description:

Failure to submit a semiannual NOx Monitoring System Performance report by the 30th day

following the end of calendar semiannual period.

Self Report? NO Classification:

Minor

Citation:

30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov:

OP O-01287, SC 1A

PERMIT Permit 4634B, SC 19E

Description:

Failure to plug/cap all open ended lines.

Self Report?

NO

Classification:

Minor

Citation:

30 TAC Chapter 117, SubChapter B 117.214(b)(2) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter D 382.085(b)

Ramt Prov:

OP O-01287, SC 1A

Description:

Failure to observe operational and emissions testing requirements for the diesel engines.

Self Report?

NO

Classification:

Classification:

Classification:

Classification:

Classification:

Minor

Minor

Minor

Minor

Moderate

Citation:

30 TAC Chapter 106, SubChapter K 106.261(a)(7)(A)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov:

OP O-01287, SC 1A

Description:

Failure to submit a PBR within 10 days of the modification to authorize the increase in

Date:

05/08/2007

(532583)

Self Report? Citation:

NO

30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122,143(4)

5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov:

OP O-02261

PA Permit 19558, SC 2E

Description:

Failure to plug/cap all open-ended lines.

Date:

05/10/2007

(532558)

Self Report? Citation:

NO

NO

30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov:

OP O-02260, SC 1A

PERMIT Permit 19480, SC 4E

Description:

Failure to plug/cap all open-ended lines.

Self Report? Citation:

30 TAC Chapter 115, SubChapter D 115.352(2) 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov:

OP O-02260, SC 1A

PERMIT Permit 19480, SC 4H, 4I

Description:

Failure to repair a pump seal leak within 15 days.

Date:

05/17/2007

(557851)

Citation:

Self Report? NO

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter D 382.085(b)

Ramt Prov:

PA TCEQ AIR NSR Permit #19480, SC#1

Description:

Equistar failed to close a PSV bypass valve prior to a startup.

F. Environmental audits.

Notice of Intent Date:

02/09/2005

(371579)

Disclosure Date:

Viol. Classification:

06/09/2005 Minor

Citation:

30 TAC Chapter 115, SubChapter D 115.356(5)

Description:

Failure to maintain leak records.

Viol. Classification:

Citation:

Minor

Description:

Failure to maintain leak tags.

Viol. Classification:

Moderate

Citation:

30 TAC Chapter 115, SubChapter D 115.354(2)(D)

30 TAC Chapter 115, SubChapter H 115.781(a)

Description:

Viol. Classification:

Failure to conduct monitoring.

Citation:

Minor 30 TAC Chapter 115, SubChapter D 115.352(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(b)

Description:

Failure to seal an open ended line.

Viol. Classification:

Moderate

Citation:

30 TAC Chapter 115, SubChapter H 115.782(b)(2)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(f)(2)

Description:

Failed to make first repair attempt within 5 day of detecting a leak.

Notice of Intent Date: 02/23/2005 No DOV Associated

(372354)

Notice of Intent Date:

11/28/2006

(534468)

No DOV Associated

Notice of Intent Date:

07/31/2007 (593638)

No DOV Associated

Notice of Intent Date: 08/03/2007

(593644)

No DOV Associated

Notice of Intent Date:

08/31/2007

(593647)

No DOV Associated Notice of Intent Date:

08/31/2007

(597999)

No DOV Associated Notice of Intent Date:

09/27/2007

(610320)

No DOV Associated

Notice of Intent Date: 01/11/2008

(636090)

No DOV Associated

Type of environmental management systems (EMSs). G.

Η. Voluntary on-site compliance assessment dates.

Participation in a voluntary pollution reduction program.

N/A

Early compliance.

N/A

Sites Outside of Texas

N/A

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



IN THE MATTER OF AN	§	BEFORE THE
ENFORCEMENT ACTION	§	
CONCERNING	§	TEXAS COMMISSION ON
EQUISTAR CHEMICALS, LP	§	
RN100210574	§	ENVIRONMENTAL QUALITY

AGREED ORDER DOCKET NO. 2008-0564-AIR-E

I. JURISDICTION AND STIPULATIONS

At its ______ agenda, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Equistar Chemicals, LP ("the Respondent") under the authority of TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondent appear before the Commission and together stipulate that:

- 1. The Respondent owns and operates a chemical manufacturing plant on Farm-to-Market Road 2917, 12 miles South of Alvin, Brazoria County, Texas (the "Plant").
- 2. The Plant consists of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12).
- 3. The Commission and the Respondent agree that the Commission has jurisdiction to enter this Agreed Order, and that the Respondent is subject to the Commission's jurisdiction.
- 4. The Respondent received notice of the violations alleged in Section II ("Allegations") on or about April 1, 2008.
- 5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
- 6. An administrative penalty in the amount of Seven Thousand Three Hundred Seventy-Five Dollars (\$7,375) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondent has paid Five Thousand Nine Hundred Dollars (\$5,900) of the administrative penalty and One Thousand Four Hundred Seventy-Five Dollars (\$1,475) is

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deferred contingent upon the Respondent's timely and satisfactory compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this Agreed Order. If the Respondent fails to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require the Respondent to pay all or part of the deferred penalty.

- 7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
- 8. The Executive Director of the TCEQ and the Respondent have agreed on a settlement of the matters alleged in this enforcement action, subject to the approval of the Commission.
- 9. The Executive Director recognizes that on February 8, 2008, the Respondent labeled the manual block valve connecting the tower overhead ethylene with the bottom ethane stream with a "Do Not Open" tag and notified appropriate Plant personnel of the correct valve position.
- 10. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Agreed Order.
- 11. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
- 12. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable.

II. ALLEGATIONS

As owner and operator of the Plant, the Respondent is alleged to have failed to prevent unauthorized emissions, in violation of Air Permit No. 4634B, Special Condition No. 1, Standard Permit Registration No. 81006, 30 Tex. ADMIN. Code § 116.115(c), and Tex. Health & Safety Code § 382.085(b), as documented during a record review conducted on February 21, 2008. Specifically, during an emissions event on February 4, 2008 (Incident No. 103330), the following unauthorized emissions were released from the Olefins Main Flare over a period of four hours and 14 minutes: 911.90 pounds ("lbs") of carbon monoxide, 846.29 lbs of volatile organic compounds, and 120.17 lbs of nitrogen oxides. Since the emissions event was avoidable, the demonstrations in 30 Tex. ADMIN. Code § 101.222 necessary to present an affirmative defense were not met.

III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that the Respondent pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and the Respondent's compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Equistar Chemicals, LP, Docket No. 2008-0564-AIR-E" to:

Financial Administration Division, Revenues Section Attention: Cashier's Office, MC 214 Texas Commission on Environmental Quality P.O. Box 13088 Austin, Texas 78711-3088

- 2. The provisions of this Agreed Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Plant operations referenced in this Agreed Order.
- 3. This Agreed Order, issued by the Commission, shall not be admissible against the Respondent in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
- 4. This agreement may be executed in multiple counterparts, which together shall constitute a single original instrument. Any executed signature page to this Agreement may be transmitted by facsimile transmission to the other parties, which shall constitute an original signature for all purposes.
- 5. Under 30 Tex. ADMIN. Code § 70.10(b), the effective date is the date of hand-delivery of the Order to the Respondent, or three days after the date on which the Commission mails notice of the Order to the Respondent, whichever is earlier. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties.

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Authorized Representative of Equistar Chemicals, LP

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

,	
For the Commission	
Jack Killin	8/8/08
For the Executive Director	Date
	e attached Agreed Order. I am authorized to agree to the
and conditions specified therein. I further acl penalty amount, is materially relying on such re	
timely pay the penalty amount, may result in:	e Ordering Provisions, if any, in this order and/or failure to
A negative impact on compliance historGreater scrutiny of any permit application	
	eneral's Office for contempt, injunctive relief, additiona
• Increased penalties in any future enforce	
· · · · · · · · · · · · · · · · · · ·	eral's Office of any future enforcement actions; and
• TCEQ seeking other relief as authorized	
In addition, any falsification of any compliance	documents may result in criminal prosecution.
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D. R. matter	6-18-08
Signature	Date
Dave las R Mathera	Plant Manager
Name (Printed or typed)	Title
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	

Instructions: Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenues Section at the address in Section IV, Paragraph 1 of this Agreed Order.

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